

AN INTELLIGENT NETWORK

ABSTRACT OF THE DISCLOSURE

In a telecommunications switching network having a resource complex including network switches, an intelligent service platform for providing intelligent call processing and service execution for call events received at the switches and requiring call processing services. A centralized administration system is provided that comprises a system for storing one or more reusable business objects that each encapsulate a distinct call-processing function, and any associated data required by the business object; a system for distributing selected business objects and associated data to selected nodes in the switching network based on pre-determined node configuration criteria; and, a system for activating the business objects in preparation for real-time use. A computing platform is provided within each node for executing those business objects required to perform a service in accordance with an event received at the network switch. Also within a node is a storage and retrieval system for sorting and retrieving selected objects and any associated data distributed by the administration system, and making them locally available to the computing platform when required to perform a service. An underlying location-independent communication system is provided to coordinate interaction of one or more business objects to perform the service in response to needs of the received event.

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